

(FILE 'HOME' ENTERED AT 16:07:20 ON 04 JAN 2001)

INDEX 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, ...' ENTERED AT 16:07:32 ON 04

JAN

2001

SET DETAIL ON
SEA GLYCOSYLATION AND REDUCED IMMUN?

6 FILE BIOSIS
2 FILE BIOTECHABS
2 FILE BIOTECHDS
4 FILE BIOTECHNO
1 FILE CANCERLIT
6 FILE CAPLUS
5 FILE EMBASE
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2 FILE LIFESCI
5 FILE MEDLINE
1 FILE PROMT
4 FILE SCISEARCH
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1 FILE TOXLIT
130 FILE USPATFULL
2 FILE WPIDS
2 FILE WPINDEX

L1

QUE GLYCOSYLATION AND REDUCED IMMUN?

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, BIOTECHNO, SCISEARCH, BIOTECHDS,
ESBIOWBASE, LIFESCI, WPIDS, CANCERLIT, PROMT, TOXLINE, TOXLIT' ENTERED AT
16:11:30 ON 04 JAN 2001

L2

42 S GLYCOSYLATION AND REDUCED IMMUN?

L3

14 DUP REM L2 (28 DUPLICATES REMOVED)

Type	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L2 4	435/174.ccls. and glycosylation and epitope	USPAT; USOCR; EPO; Derwent	2001/01/04 14:18
2	BRS	L3 2	((435/175.CCLS.) AND EPITOPE)	USPAT; USOCR; EPO; Derwent	2001/01/04 14:18
3	BRS	L4 0	6106828.URPN.	USPAT; USOCR; EPO; Derwent	2001/01/04 14:27
4	BRS	L1 636	435/174.ccls.	USPAT; USOCR; EPO; Derwent	2001/01/04 14:29
5	BRS	L5 112	435/175.ccls.	USPAT; USOCR; EPO; Derwent	2001/01/04 14:43
6	BRS	L6 207	reduced adj immun\$	USPAT; USOCR; EPO; Derwent	2001/01/04 14:31
7	BRS	L7 17	(REDUCED ADJ IMMUN\$) and glycosylation	USPAT; USOCR; EPO; Derwent	2001/01/04 14:41
8	BRS	L8 0	(GLYCOSYLATION near10 (REDUCED ADJ IMMUN\$))	USPAT; USOCR; EPO; Derwent	2001/01/04 14:43
9	BRS	L9 44	435/175.ccls. and factor	USPAT; USOCR; EPO; Derwent	2001/01/04 14:44
10	BRS	L1 5	((435/175.CCLS.) AND coagulation)	USPAT; USOCR; EPO; Derwent	2001/01/04 14:44

host cell of (6) in a suitable culture medium to obtain expression and secretion of the glycosylated protein into the medium, followed by recovery and isolation of the protein from the culture medium.

USE - The methods are used to select protein variants which have **reduced immunogenicity**, as compared to a parent protein. The selected proteins can be enzymes (especially selected from glycosyl hydrolases, carbohydrases, peroxidases, proteases, lipases, phytases, polysaccharide lyases, oxidoreductases, transglutaminases, and glycoseisomerases (all claimed)), or biological proteins (e.g. insulin, glucagon, pigmentary hormones, somatotropin, erythropoietin, luteinizing hormone, chorionic gonadotropin, relaxin, prolactin, and other peptide hormones). They can be used in industry, housekeeping and/or medicine, e.g. proteins used in personal care products (e.g. shampoo, soap, skin lotions, face creams, cleaning preparations for contact lenses, oral and dental cleaning), hair dyes, toothpaste, food (e.g. in the baking industry), detergents (e.g. dish washing preparations), and ph